ABSTRACT OF THE DISCLOSURE

A system for computing probability distribution of loan losses comprises a loan amount and bankruptcy probability input device (10) for inputting loan amounts and bankruptcy probabilities of individual loan customers, characteristic function calculating device (12) for calculating characteristic a function from these loan amounts and bankruptcy probabilities, probability distribution calculating device (14) for calculating probability distribution by Fourier transform inversion of the characteristic function, and probability distribution output device (16) for outputting the calculated probability distribution as a graph through a printer. With this arrangement, probability distribution of loan losses can be obtained easily and precisely through a computer.